

Michael R. Davis  
Matthew M. Jacob  
Warren M. Cheek, Jr.  
Nils E. Pedersen  
Charles R. Watts  
Michael S. Huppert  
Jeffrey R. Filipek

Kaushal R. Odedra  
W. Douglas Hahn  
David M. Ovedovitz  
Joseph M. Gorski  
Thomas D. Robbins  
Jonathan R. Bowser

OF COUNSEL:  
John T. Miller

## WENDEROTH, LIND & PONACK, L.L.P.

Attorneys and Counselors at Law  
Patents, Trademarks and Copyrights  
2033 K Street, N.W., Suite 800  
Washington, D. C. 20006-1021 U.S.A.

E. F. Wenderoth (1886-1974)  
John E. Lind (1892-1993)  
A. Ponack (1900-1969)

TELEPHONE:  
202-721-8200

FACSIMILE:  
202-721-8250 (G-III)  
202-833-3015 (G-IV)

E-MAIL:  
wlp@wenderoth.com

INTERNET:  
www.wenderoth.com

\*Member of Bar other than D.C.

### FAX TRANSMISSION COVER SHEET

To: Kay Pinkney

Company Name: USPTO

Fax Number: 703-308-6642

From: Michael S. Huppert  
202-721-8208

Date: 3/31/05

Re: 10/066750

\*\*\*\*\*

TOTAL NUMBER OF PAGES TRANSMITTED, INCLUDING COVER SHEET

Message: Abstract attached

#### CONFIDENTIALITY

The documents transmitted herewith contain confidential and/or privileged information intended only for the use of the person or entity to whom addressed. If you are not the intended recipient, or an agent of the recipient responsible for delivering it to the intended recipient, then you have received this transmission in error and are asked to promptly advise us by telephone or fax, and return the document to us by mail. Unauthorized copying, distribution, disclosure or other use of this information by anyone other than the intended recipient or their designee is prohibited.

\*\*\*\*\*

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION  
OR IF YOU HAVE NOT RECEIVED ALL OF THE PAGES  
PLEASE CALL (202) 721-8200

Fax Operator: K. Fore

## ABSTRACT

In a residual capacity correction method for a battery, a count of one cycle is made each time an accumulated quantity of a charge capacity of a battery reaches a learning capacity of the battery at that time, and the learning capacity is decreased by a specified cycle degradation capacity per charge of the one cycle, alternatively a decreasing rate of the learning capacity is specified as a keeping degradation capacity while a keeping temperature and a residual capacity of the battery are used as parameters, and as a keeping time passes, the learning capacity is decreased by the keeping degradation capacity specified from the keeping temperature and the residual capacity of the battery.